WHAT IS CLAIMED IS:

- A composition comprising a recombinant adenovirus vector and a concentration of human serum albumin (HSA) effective to stabilize the adenovirus vector at a temperature above the freezing point of
 water or to enhance a titer of the adenovirus vector compared to a titer in the absence of HSA, or both, in an aqueous buffer.
 - 2. The composition of claim 1, wherein the concentration of HSA is from about 0.01% to about 25% (w/v).
- 3. The composition of claim 2, wherein the concentration of HSA is from about 0.1% to about 10 15%.
 - 4. The composition of claim 3, wherein the concentration of HSA is from about 1% to about 10%.
 - 5. The composition of claim 4, wherein the concentration of HSA is about 5%.
 - The composition of claim 1, wherein the pH is greater than or equal to 5.0 and less than or equal to 9.0.
- 15 7. The composition of claim 6, wherein the pH is greater than 7.5.
 - 8. The composition of claim 7, wherein the pH is greater than 8.0.
 - 9. The composition of claim 8, wherein the pH is 8.2.
 - 10. The composition of claim 8, wherein the pH is 8.4.
 - 11. The composition of claim 4, wherein the pH is greater than 8.0.
- 20 12. The composition of claim 5, wherein the pH is 8.2.
 - 13. The composition of claim 5, wherein the pH is 8.4.
 - 14. The composition of claim 1, wherein the buffer is a Tris-HCl buffer.
 - 15. The composition of claim 11, wherein the buffer is a Tris-HCl buffer.
 - 16. The composition of claim 12, wherein the buffer is a Tris-HCl buffer.

- 17. The composition of claim 13, wherein the buffer is a Tris-HCl buffer.
- The composition of claim 1, further comprising about 5% sucrose, about 2.0 mM MgCl₂ and about 150 mM NaCl.
- The composition of claim 15, further comprising about 5% sucrose, about 2.0 mM MgCl₂ and
 about 150 mM NaCl.
 - The composition of claim 16, further comprising about 5% sucrose, about 2.0 mM MgCl₂ and 150 mM NaCl.
 - The composition of claim 17, further comprising about 5% sucrose, about 2.0 mM MgCl₂ and
 mM NaCl.
- 10 22. The composition of claim 1, wherein the recombinant adenovirus expresses a heterologous protein.
 - 23. The composition of claim 22, wherein the heterologous protein is p53.
 - 24. The composition of claim 22, wherein the heterologous protein is HSV-TK,
- 25. A method for preparing a stabilized recombinant adenovirus formulation comprising suspending 15 a recombinant adenovirus in an aqueous buffer comprising a concentration of human serum albumin (HSA) effective to stabilize the adenovirus vector at a temperature above the freezing point of water, or enhance a titer of the adenovirus vector compared to a titer in the absence of HSA.
 - 26. The method according to claim 25, wherein the temperature is greater than or equal to 4°C and less than 37°C.
- 20 27. The method according to claim 25, wherein the temperature is greater than or equal to 20°C.
 - 28. The method according to claim 26, wherein the concentration of HSA is 5%.
 - 29. The method according to claim 26, wherein the pH of the admixture is greater than 8.0.
 - 30. The method according to claim 26, wherein the pH of the admixture is 8.2.
 - 31. The method according to claim 26, wherein the pH of the admixture is 8.4.
- 25 32. A method for stabilizing an adenovirus vector at about 20°C, which comprises preparing an

admixture of the adenovirus vector in an aqueous composition of Dulbecco's phosphate buffered saline, from about 5% to 15% glycerol, from about 0.25 to 2.0 mM CaCl₂, and from about 0.1 to 1.0 mM MgCl₂.

33. The method according to claim 32, wherein the concentration of glycerol is about 10%, the concentration of CaCl₂ is about 1.0 mM, and the concentration of MgCl₂ is about 0.5 mM.